4-688

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

I.	IINEKAL	SURVEY NO	4402	. I sigla
				Marie No. 17
				if of some
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		ARIZONA	Land Dis	trict.
				- 16 . in along
	F	TELD NOT	ES	
	Of The Su	rvey Of The Mini	ng Claim Of	7 360
la l	1	PIMA MINING COMPA	ΔΝΨ	50 . W Michil
		10		*
		Known As The		
				Mining Distric
Pima		County,	Arizo	ona
POTOTI TO TO TE	O., N. 12 D.	nship <u>16 South</u> , and Sec. 6, T. ed February	. 1/ S., H.	13 East, 13 E. 1956
		by Harlow	D, Phelps Mi	neral Surveyor.
Claim lo	cated <u>See</u>	back of this pag	çe .	., 19
		February 15		
Survey c	ompleted	April 30		, 19 56
Address	of claimant	3407 S. Park Ave	., Tucson, A	rizona
	DATES	OF AMENDED LOCA	TIONS	
***********		ack of this page		
	7,460			1174
			***************************************	
W				

			Claim I	ocated	Date of	Ame	nded	Location	
Alpha	No.	1	May 31,	1951	January	6 <b>,</b> :	1956		1
Alpha	No.	2	June 1,	1951		II			
Alpha	No.	9	August	3, 1951		11			
Alpha	No.	10		11		11			
Alpha	No.	11		11		11			
Alpha	No.	16	August	6, 1951		11			
Alpha	No.	511	May 4,	1953		11			
Alpha	No.	25		II		tt			
Alpha	No.	26		п		tt			
Alpha	No.	27		11		11			
Alpha	No.	28	Octobe	r 29, 1953		11			
Alpha	No.	29	5 1	II .		n			
Alpha	No.	30		11		11			
Alpha	Fra	ction	May 16	, 1952	January	20,	195	6	

This survey was made with a Gurley No. 92 Precise transit
No. 241014 with horizontal limb 5.65 ins. diam., having two double opposite verniers and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; also two attachable eye pieces, both equipped with colored glass shade set in the dust shutter and one equipped with a prism for making direct observation upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by an observation made by me May 23, 1952 and submitted with Survey No. 4371, which adjoins this survey, having certain identical corners and being a projection of the same end line and side line as shown on the map and described in the field notes.

The lines were measured with a Lufkin steel tape 500 ft. in lengths, graduated every foot for the entire length, each end foot being graduated to tenths and hundredths; the tape was compared with a Lufkin standard at a time before the beginning of the survey and found to be correct. wer list beers bast and hear.

All lines and connections of the survey were run by direct methods.

The geographic position of the corner of Ts. 16 and 17 S., Rs. 12 and 13 E., G. & S.R.Mer., as furnished by the Office Cadastral Engineer, is Latitude 31° 59' 10" N., and Longitude. 111° 03' 45" W.

The magnetic declination observed at each corner of the survey gave a uniform value of 14° 30' E. Isoinnehi & .on .no

## TO at . and AS . . . . . . ALPHA NO. 1 LODE

Feet

ON DE

At cor. No. 1 of the Alpha No. 1 lode of this survey, identical with cor. No. 4 Sur. No. 4371, Union No. 2 lode

Found a small iron pin 4 ins. below the surface of road, for this corner from which . 121 000 . M sons

Witness cor. No. 4 Sur. No. 4371, Union No. 2 lode, bears N. 11° 36' W., 17.21 ft.

1500.0 Cor. to. b, Identical Found an iron post, 1 in. diam., with concrete base and brass cap mkd. U.S.M.S. X W.C. U2-4-4371. To the post I fastened, with copper wire, an aluminum tag mkd. U.S.M.S.

> The cor. of secs. 1, 2, 35 and 36, Ts. 16 and 17 S., R. 12 E., G. & S.R.M., Arizona, bears N. 52° 32' W., 1987.0 ft. dist.; a limestone rock set in concrete and marked as described in the official record. "IT .M append

> > 251.98 ft. dick.

613.22 | Cor to 1 and place of beginning.

No local bearing objects or bearing trees available. 41' B., 750 D. dist.

Thence S. 89° 41' E.

Intersect line 3-4 Sur. No. 3726, Plumed Knight No. 2 lode, at a point from which cor. No. 4 bears. N. 0°-48' W., 264.09 ft. dist. from union cor. No. 3 beers S. O. 181 R., 97.05 Ft.

Feet	This survey was made with a Carloy No. 92 Crecise to
COO TO	Road bears S. 30° W. and N. 130° E. tited Not 1016 .00
980.	Road and power line, bear N. 49 W. and S. 49 E.
1400.	Center of drainage trench, 40 ft. wide, bears N. 44° W. and S. 44° E.
1500.0	Cor. No. 2, identical with cor. No. 3 Sur. No. 4371, Union No. 2 lode, Cor. No. 3 Sur. No. 4371 Alpha No. 3 lode, and cor. No. 3 Alpha No. 2 lode of this survey.
Vo. 1371, re and shown on	Found an iron post, 1 in. diam., with concrete base and brass
ni .13	No local bearing objects or bearing trees available.
by because	Thence S. 11° 36' E. of the part of the control of
100.	Power line bears East and West.
130.	Center of drainage ditch, bears NW and SE.
306.61	Point on lode line, marked by 4 x 4 in. post standing 4 ft. above ground. Discovery point bears N. 89° 41' W., 750 ft. dist.
480.	Wash, 80 ft. wide, drains N. 85° E.
545.	Power line and road bears N. 49° W. and S. 49° E.
613.22	Cor. No. 3, identical with cor. No. 2 Alpha No. 2, cor. No. 3 Alpha No. 11, and cor. No. 4 Alpha No. 16 lodes, all of this survey.
<u> Feeid</u>	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in ground and with 14 x 14 in. concrete base, 6 ins. to top, with brass cap mkd. U.S.M.S. X Al-3-A2-2-A11-3-A16-4-4402.
	No local bearing object or bearing trees available.
ald 10	Thence N. 89° 41' W. no in a more reason
1410.	Road, bears S. 30°. W. and N. 30° E.
1500.0	Cor. No. 4, identical with cor. No. 3 Alpha No. 16 lode of this survey.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in ground and with 14 x 14 in. concrete base, 6 ins. to top, with brass cap
	. No local bearing objects or bearing trees available.
nl bed	Thence N. 11° 36'0W. Telogica ont
306.61	Point on lode line, marked by 4 x 4 in. post standing 4 ft. above ground. Discovery point bears S. 89° 41' E., 750 ft. dist.
330.	Wash, 40 ft. wide, drains East.
345.72	Intersect line 3-4 Sur. No. 3726 Plumed Knight No. 2 lode, at a point from which cor. No. 3 bears S. 0° 48' E., 97.05 ft. dist., and its intersection with line 1-2 of this lode bears N. 0° 48' W. 261.98 ft. dist.
	201.90 10. 0180.

•	0	-	3

Feet	Electronic properties and properties and an action of the second properties and the second	oF.
evoda 12	ALPHA NO. 2 LODE    Authorstant   Alpha No. 2 Lode   Alpha No. 2 Lode	
.:a	At cor. No. 1 of the Alpha No. 2 lode, identical with cor. No. Alpha No. 9 lode, cor. No. 2 Alpha No. 10 lode and cor. No. 4 Alpha No. 11 lode of this survey.	, 1
l with	Set an iron post, 3 ft. long, 1 in. diam., in ground to bedrood and with 14 x 14 in. concrete base, about 14 ins. to top, with brass cap mkd. U.S.M.S. X A2-1-A9-1-A10-2-A11-4-14402.	1
, , , , , ,	The 4 sec. cor. of secs. 1 and 6, Ts. 17 S., Rs. 12 and 1 G. & S.R.M., Arizona, bears S. 35° 37'.E., 1026.9 ft. dis a 2 in. lead capped pipe, 6 ins. above ground with concrebase about 2 ins. to top and mkd. 4 1-6.	st.
t above	No local bearing objects or bearing trees available.	30
	3.22 Power Line, bears N. 45° E. and S. 85° W.	94
810. E.oW	Power line transformer station. 3.22 Cor. Mo. 2 Sur. Mo. 2, Montal Mills Cor. Mo. 2 Sur. Mo. 20. Mo. 2	61
995.	Diversion dike bears N. 35° W. and S. 35° E	
1150.	Drainage trench, bears NW and SE.	
1270.	Wash, 70 ft. wide, drains N. 57° E., 30 ft. dist. to drainage	50
1430.	Power line and road, bears NW. and SE Tropi (8 . on . oo load.	150
1500.0	Cor. No. 2, identical with cor. No. 3 Alpha No. 1 lode, cor. No. 4 Alpha No. 16 lode, and cor. No. 3 Alpha No. 11 lode, all of	0.
da i	Found an iron post, 1 in. diam. Luith concretevrisation to the concrete stand of the caper wire at the wind 18 the comper wire at the wind 18 the concrete wire at the comper wire at the concrete wire wire at the concrete wire at the concrete wire at the concrete w	
68.22	Road and power line, bears N, .49° W. and S. 49° E.	
133.22	Wash, drains N. 852 E. x & warked by & x 2 28 .N anishb , daswell ground. Discovery point bears N. 88 11 W., 100 ft. dis	30
306.61	Point on lode line, marked by 4 x 4 in. post, standing 4 ft. above ground. Discovery point bears S. 89° 41' .E., .275 ft. discovery.	st.
483.22	Center of drainage trench, bears NW. and SE. 33 210 10	
513.22	Power line bears E. and W. not .11 E good not it is to to the with the x lb in. concrete base, about the to top, with	
613.22	Cor. No. 3, identical with cor. No. 3 Sur. No. 4371 Union No. 2 lode, cor. No. 3 Sur. No. 4371 Alpha No. 3 lode; and cor. No. 2 Alpha No. 1 lode of this survey.	2
	Thende S. 89° 41° E.	
205.	Diversion dike, bears NW. and SELS .W aread . out 19809	62
1500.0	Cor. No. 4, identical with cor. No. 2 Sur. No. 4371 Alpha No. 3 lode, cor. No. 3 Sur. No. 4371 Herrick No. 2 lode; and cor. No. 2 Alpha No. 9 lode of this survey.	35T
lo f	Found an iron post, 1 in. diam., with concrete base and brass cap, mkd. U.S.M.S. X A3-2-H2-3-4371. On the concrete base I chiseled A2-4-A9-2-4402.  Thence S. 11° 36' E.	
150.	Power line, bears S. 85° W. and N. 85° E.	

	4
Feet	330°S
I .ou .	Point on lode line, marked by 4 x 4 in. post, standing 4 ft. above ground. Discovery point bears N. 89° 41' W., 1225 ft. dist.
613.22	Alpha Wo. 9 Lode, cor. No. 2 Alpha No. 10 lode and cor. Cor. No. 1 and place of beginnings to sold life to a sale of the cor. No. 1 and place of beginnings to sold life to the cor. No. 1 and place of beginnings to sold life to the cor.
hedrock, with	Set an iron post, 3 ft. long, 1 in. diam., in ground to and mith lik x il adole 0.001 AHQLA. about il ins. te top brass cap mkd. 0.5. M.S. X A2-1-A9-1-A10-E-A11-b-hinoz.
. drib	Beginning at cor. No. 1 of the Alpha No. 9 lode, identical with cor. No. 1 of the Alpha No. 2 lode, cor. No. 4 Alpha No. 11 lode, and cor. No. 2 Alpha No. 10 lode, all of this survey.
ederono	there N. 11° 36! W. 2 was start I
306.61	Point on lode line, marked by 4 x 4 in. post standing 4 ft. above ground. Discovery point bears S. 89° 41' E., 1400 ft. dist.
463, 22	Power line, bears N. 85° E. and S. 85° W.  .noidede rewrotenest enil rewol018
613,22	Cor. No. 2, identical with cor. No. 2 Sur. No. 4371 Alpha No. 3 lode, cor. No. 3 Sur. No. 4371 Herrick No. 2 lode; and cor. No. 4 Alpha No. 2 Rode of this survey.
	Thence S. 89° 41' E.
505	Power line, bears N. 52° W. and S. 52° E.
1500.0	Cor. No. 3, identical with cor. No. 2 Sur. No. 4371 Herrick No. 2 lode, and cor. No. 4 Alpha No. 27 lode, and cor. No. 2 Alpha No. 29 lode, both of this survey.
l of	Found an iron post, 1 in. diam., with concrete base and brass cap mkd. U.S.M.S. X H2-2-4371. To the post I fastened with copper wire an aluminum tag mkd. A9-3-A29-2-A27-4-4402.
	a cal and power line, 18 186 18 19 19 19 19 19 19 19 19 19 19 19 19 19
306.61	Point on lode line, marked by 4 x 4 in. post, standing 4 ft. above ground. Discovery point bears N. 89° 41' W,, 100 ft. dist.
613.22	Cor. No. 4, identical with cor. No. 1 Alpha No. 29 lode, cor. No. 1 Alpha No. 30 lode, and cor. No. 3 Alpha No. 10 lode, all of this survey.
S	Set an iron post, 3 ft. long, lin. diam., 2h ins. in ground and with lh x lh in. concrete base, about 4 in. to top, with brass cap mkd. U.S.M.S. X 49-4-A29-1-A30-1-A10-3-4402.
110. 2	No local bearing objects or bearing trees available.
	Thence N. 89° 41' W.
620	Power line, bears N. 21° W. and S. 21° E. and D. 200
1500.0	1500.0 Con. W. W. W. identical agrinning of pose of color
2887	Tour an iron po ALPHA NO. 10 LODE or north to bound to
Ie	At cor. No. 1 Alpha No. 10 lode, identical with Cor. No. 1 of the Alpha No. 11 lode of this survey.
	150. Fewer Time, bears S. 85° W. and M. 85° E.

16-28520-1

Feet	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in ground, and
uids i	with li.x li in. concrete base, 10 ins. to top, with brass cap mkd. U.S.M.S. X AlO-1-All-1-LiliO2, from which
bow desc	The ½ sec. cor. of secs. 1 and 6, Ts. 17 S., Rs. 12 and 13 E., G. & S.R.M., Arizona, bears S. 63° 46' E., 529.4 ft. dist., heretofore described.
	No local bearing objects or bearing trees available.
	Thence N. 11. 36 W.
306.61	Point on lode line, marked by a 4 x 4 in. post standing 4 ft. above ground. Discovery point bears S. 89° 41' F., 1400 ft. dist.
613.22	Cor. No. 2, identical with cor. No. 1 Alpha No. 2 lode, cor. No. 1 Alpha No. 9 lode, and cor. No. 4 Alpha No. 11 lode, all of this
	survey A skill 2 . of . noo dim isoldanoi (2 . of . noo S2 . skol of . of shall 2 . of . noo bas . skol f . of shall 2 . of Thence S. 89° 41' E.
880	Power line, bears N. 21° W. and S. 21° E.
1500.0	Cor. No. 3, identical with cor. No. 4 Alpha No. 9 lode, cor. No. 1 Alpha No. 29 lode, and cor. No. 1 Alpha No. 30 lode, all of this survey.
	. Thence S. 11. 36' E. Thence S. 11. 136' E.
306.61	Point on lode line, marked by 4 x 4 in. post standing 4 ft. above ground. Discovery point bears N. 89° 41' W., 100 ft. dist.
513.22	Set an iron pin, 3 ft. long, 3/4 in. diam., 24 ins. in ground and with 14 x 14 in. concrete base, 6 ins. to top for witness cor. Nos. 4 of the Alpha Nos. 10 and 30 lodes, of this survey, with brass cap mkd. U.S.M.S. X W.C. Alo-4-A30-4-1402.
583	Diversion dike, 15 ft. high, 20 ft. wide at top, with 1 to 14 slope, bears S. 88° W., and N. 88° E.
613.22	Cor. No. 4, identical with cor. No. 4 Alpha No. 30 lode of this survey.
	This corner falls on the south slope of diversion dike, where a permanent monument cannot be established.
	No local bearing objects or bearing trees available.  Thence N. 89° 36' W.
525	Power line, bears North and South.
1500.0	Cor. No. 1 and place of beginning.
20d 13	** The Park cor. of secs. 1 and 6. He. 27 S. Park 12 E. U. & S.R.M., Arisons, bears 5. 83° col S., 1980
	ALPHA NO. 11 LODE
	Beginning at cor. No. 1 Alpha No. 11 lode, identical with cor. No. 1 Alpha No. 10 lode of this survey.
	Thence N. 89° L1' W.
860	Power line, bears NW. and SE., road bears NW. and SE.
910 5rug	Drainage trench, bears NNW. and SSE.

Feet	Cor. No. 2, identical with cor. No. 1 Alpha No. 16 lode of this
1,000.0	survey. 1.8.1.2. f. Sold-1-114-J-01A 1.2.1.2.1.2.1
end 13 M., dist.,	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in ground and with 14 x 14 in. concrete base, 6 ins. to top, with brass cap mkd. U.S.M.S. X All-2-Al6-1-4402.
	No local bearing objects or bearing trees available.
	Thence N. 11: 36' W.
306.61	Point on lode line, mkd. by 4 x 4 in. post standing 4 ft. above ground. Discovery point bears S. 89° 41' E., 100 ft. dist.
F80 ·	Wash, 60-ft. wide, drains N. 57° E. solome C
613.22	Cor. No. 3, identical with cor. No. 2 Alpha No. 2 lode, cor. No. 3 Alpha No. 1 lode, and cor. No. 4 Alpha No. 16 lode, all of this survey.
	Thence S. 89° 41' E
• 70	Road and power line, bears NW. and SE
230	Wash, 70 ft. wide, drains N. 57° E.
350	Center of drainage trench, bears NW. and SE.
505	Diversion dike, bears N. 35° W. and S. 35° E.
690	Transformer station.
1500.0	Cor. No. 1, identical with cor. No. 1 Alpha No. 2 lode, cor. No. 1 Alpha No. 9 lode, and cor. No. 2 Alpha No. 10 lode, all of this survey.
110	I diting the second of Thence S. 11° 36' E. I , which de terror the case of the second
306.61	Point on lode line, marked by a 4 x 4 in. post standing 4 ft. above ground. Discovery point bears N. 89° 41'. W., 1400 ft. dist.
613.22	Cor. No. 1 and place of beginning. no affer mendo atill
	. EALPHA.NO. 16 LODE
	Beginning at cor. No. 1 Alpha No. 16 lode, identical with cor. No. 2 Alpha No. 11 lode of this survey.
	The \(\frac{1}{4}\) sec. cor. of secs. 1 and 6, Ts. 17 S., Rs. 12 and 13 E., G. & S.R.M., Arizona, bears S. 83° 00' E., 1989.7 ft. dist., heretofore described.
.100	No local bearing objects or bearing trees available.
	Thence N. 89° 41' W.
820	Wash, 50 ft. wide, drains ENE.
1500.0	Cor. No. 2.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in ground with 14 x 14 in. concrete base, 4 ins. to top, with brass cap mkd. U.S.M.S. X A16-2-4402.

Q <sub>j</sub>		
	Feet	No local bearing objects or bearing trees available.
		Thence N. 11° 36' W.
	160.54	Cor. No.03 Alpha Fraction lode of this survey. If him with the cor. No.03 Alpha Fraction lode of this survey.
	306.61	Point on lode line marked by a 4 x 4 in. post standing 4 ft. above ground: Discovery point bears; S. 89° 41' E., 1400 ft. dist.
	490	Road, bears N. 30° E. and S. 30° W.
	613.22	
	.100 bm	Road, bears N. 30° E. and S. 30° W. 12 . 30 and A S . 30
	1500.0 m	Cor. No. 4, identical with cor. No. 3 Alpha No. 1 lode, cor. No. 2 Alpha No. 2 lode, and cor. No. 3 Alpha No. 11 lode, all of this survey.
		ofcallists asout guThencerS.all. 36'g.E.mand Indof on
	133.22	Wash, 60 ft. wide, drains N. 57° E.
	306,61	Point on lode line, marked by a 4 x 4 in. post, standing 4 ft. above ground. Discovery point bears N. 89° 41' W., 100 ft. dist.
	613.22	Cor. No. 1 and place of beginning.
	to 6, 32.	ALPHA NO. 24 LODE  At cor. No. 1 Alpha No. 24 lode, identical with cor. No. 2 Alpha No. 25 lode of this survey.
	• 11 • 01 • 01 • <u>•</u> 21	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in ground and with 14 x 14 in. concrete base, about 4 ins. to top, with brass cap mkd. U.S.M.S. X. A24-1-A25-2-4402.
	.te.ib .f?	The cor. of secs. 1, 6, 31 and 36, Ts. 16 and 17 S, Rs. 16 and 17 S, Rs. 16 and 18 E, G. & S.R.M., Arizona, bears S. 0° 44' W., 600 ft. dist.; a regulation iron post, firmly set, with brass cap marked as described in the official record.
		No local bearing objects or bearing trees available.
		Thence N. O° 44' E.  N°OI .2 bas I °OI . 8 case OOI
	300.	Point on lode line, marked by 4 x 4 in. post standing 4 ft. above ground. Discovery point bears S. 89° 41' E., 100 ft. dist.
	350	Road, bears S. 80° W. and N. 80° E.  Thence S. 0° W.
	600.0	Cor. No. 2.
	.72	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in ground, with 14 x 14 in. concrete base, about 4 ins. to top, and with brass cap mkd. U.S.M.S. X A24-2-4402.
		No local bearing objects or bearing trees available.
		Thence S. 89° 41' E.

Feet	.aldaftere a paring decar to a peido universed facel of	Feet
1500.0	Cor. No. 3	
	Thence M. 1.1° 36' W. Heller M. Thence M. 1.1° 36' W. Heller M. 1.1° 16' W. Heller M. 1.	
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in gro	ound and
	with 14 x. 14 in. concrete base; about 4 ins. to. top, with	brass
voda 42	cap mkd. U.S.M.S. X A24-3-4402.	ra ans
	. No local bearing objects or bearing trees available.	
	Thence S. O° 44' W. °C 27'20d . DSOM	08:
300.	Point on lode line, marked by a 4 k 4 in. post standing labove ground. Discovery point bears N. 89° 41' W., 1400 dist.	ft.
	Thence S. So hi T.	
600.0	Cor. No. 4, identical with cor. No. 3 Alpha No. 25 lode a No. 2 Alpha No. 28 lode, both of this survey.	and cor.
		and and
os To	Set an iron post, 3 ft. long, lain. diam., 24 ins. in grewith 14 x 14 in. concrete base, about 4 ins. to top, with cap mkd. U.S.M.S. X A24-4-A25-3-A28-2-4402.	n brass
	No local bearing objects or bearing trees available	
	Thence W. 89° 41 W. bir. 100 , inside	133.22
1400		306,61
1500.0	Cor. No. 1 and place of beginning.	
1,0000	Cor. Wo. 1 and place of beginning.	613.22
bas bac	Cor. No. 1 of the Alpha No. 25 lode, on line 4-1 of Sur.  Herrick No. 1 lode, is identical with the cor. of secs.  and 36, Ts. 16 and 17 S., Rs. 12 and 13 E., heretofore d  I fastened to post, with copper wire, an aluminum tag mk  A25-1-4402.  Thence N. 0°-44 E.	escribed.
3000	Point on lode line, marked by h x. 4 in. post, standing h above ground. Discovery, point bears S. 89° 41' E., 100	ft. ft. dist.
d# i	of the dist.; a regulation from most, firsty set.	
600.0 .	Cor. No. 2, identical with cor. No. 1 Alpha No. 24 lode of survey.	f this
	oldeliers peart mirraed to stood of gained facul of Thence S. 89° 41' E.	
100	Road, bears N. 10° E., and S. 10° W.	
avoide .	Point on lode line, marked by h x h in. post stending h	300
1500.0.	No. 2 Alpha No. 28 lode of this survey.	
	Thence S. 0° Lili W.	350
	Com. No. 2.	600,00
, bau	Point on lode line, marked by 4 x 4 in. post, standing 4 above. ground. Discovery point beers N. 89° 41' W., 1400	ft.
dith	with it i in the concrete base, about I des. to tested	A THE WA
	bress cup mkd. M.S.H.B. X A21-2-1102.	
575	Road bears East and West.	
	Thence S. 89° L1' E.	

Feet 600.0	Cor. No. 4, identical with cor. No. 1 Alpha No. 28 lode, and on line 1-2 of the Alpha No. 26 lode, of this survey.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in ground with 14 x 14 in. concrete base, about 4 ins. to top, with brass cap mkd. U.S.M.S.JX A25-4-A28-1-4402; from which
	This corner falls in loose sand of an old wash.
ok No. 2	No local bearing objects or bearing trees available.
	Thence N. 89° 41' W. Sorrice and the sorrice of the
48.35	Set an iron post, 3 ft. long, 1 in diam., 24 ins. in ground and with 14 x 14 in. concrete base, 3 ins. to top, for witness cor. No. 4, with brass cap mkd. U.S.M.S. X W. C. A25-4-4402.
938.95	Cor. No. 1 Sur. No. 4371 Herrick No. 1 lode, and cor. No. 1 Alpha No. 26 lode of this survey.
1420	Road, bears North and South.
1500.0.	Cor. No. 1 and place of beginning.
	619,22 Cor. Wa. J. and place of beginning.
	ALPHA NO. 26 LODE
TOO	
io. 1371	Found an iron post, 1 in. diam. with concrete base and brass cap mkd. U.S.M.S. X H1-1-4371. I fastened to post, with copper wire, an aluminum tag mkd. U.S.M.S. X A26-1-4402.
	The cor. of and 1, 5, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
890.60	Witness cor. No. 4 Alpha No. 25 lode of this survey.
938.95	Cor. No. 4 Alpha No. 25 lode, and cor. No. 1 Alpha No. 28 lode of this survey.
1500.0	Cor. No. 2.
azolie	On line 4-1 of the Alpha No. 28 lode of this survey.
• †	Set an iron post, 3 ft. long, line diame, 2h inse in ground, and with lh x lh ine concrete base, 3 inse to top with brass cap mkd. U.S.M.S. X A26-2-4402.
	No local bearing objects or bearing trees available.
trasa can	Set in it of page, 3 the long I in dien. Sh int. the bed and in it is the long and Theore S. 11° 36° T
306.61	Point on lode line, marked by a 4 x 4 in. post, standing 4 ft. above ground. Discovery point bears N. 89° 41' W., 1390 ft. dist.
595.32	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in ground and with 14 x 14 in. concrete base, 4 ins. to top, for witness cor.
o. 29 o. 29	No. 3 Alpha No. 26 lode of this survey, with brass cap mkd
613.22	Cor. No. 3, identical with cor. No. 2 Alpha No. 27 lode of this survey

Feet no bris	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground and with 14 x 14 in. concrete base, 4 ins. to top, with brass cap mkd. U.S.M.S. X A26-3-A27-2-4402.
nod with	This cor. falls in loose sand of a small wash.
	No local bearing objects or bearing trees available.
	Thence N. 89° 41' W. 1 1000 11
1500.0	Cor. No. 4, identical with cor. No. 1 Sur. No. 4371 Herrick No. 2 lode, cor. No. 2 Sur. No. 4371 Herrick No. 1 lode; and cor. No. 1 Alpha No. 27 lode of this survey.
and and	Found an iron post, 1 in. diam. with concrete base and brass cap mkd. U.S.M.S. X H1-2-H2-1-4371. I fastened to post, with copper wire, an aluminum tag mkd. U.S.M.S. X A27-1-A26-4-4402.
1	. No local bearing objects or bearing trees available.
	Thence N. 11° 36' W.
306.61	Point on lode line marked by a 4 x 4 in. post standing 4 ft. above ground. Discovery point bears S. 89° 41'.E., .110 ft. dist.
613.22	Cor. No. 1 and place of beginning.
	ALPIA NO. 25 EODE
ond lo	Beginning at cor. No. 1 Alpha No. 27 lode, identical with cor. No. 1 Sur. No. 4371 Herrick No. 2 lode, cor. No. 2 Sur. No. 4371 Herrick No. 1 lode; and cor. No. 4 Alpha No. 26 lode of this survey, from which
	The cor. of secs. 1, 6, 31 and 36, Ts. 16 and 17 S., Rs. 12 and 13 E., G. & S.R.M., Arizona, bears N. 48° 35' W., 912.6 ft. dist., heretofore described.  Thence S. 89° 41' E.
1500.0	Cor. No. 2, identical with cor. No. 3 Alpha No. 26 lode of this
,000	survey.
	Thence S. 11° 36' E.
306.61	
613.22	
.ft.	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground and with 14 x 14 in. concrete base, 4 ins. to top, with brass cap mkd. U.S.M.S. X A27-3-A29-3-4402.  No local bearing objects on bearing trees available.
bne bra	995.32 Thence N. 895 41 W. , tage noting det 21 inc. in gr
1500.0.	Cor. No. 4, identical with cor. No. 2 Sur. 4371 Herrick No. 2 lode; cor. No. 3 Alpha No. 9 lode, and cor. No. 2 Alpha No. 29 lode, of this survey.
e this	513.22 Cor. Mo. 3, identical with cor. Mo. 2 Alone No. 27 lode of

d.	
Feet	7992
and 13 B.,	Thence N. 11° 36' W. S
306.61	Point on lode line; marked by a lix 4 in. post, standing 4 ft. above ground. Discovery point bears S. 89° 41' E., 1400 ft. dist.
613.22	Cor. No. 1- and place of beginning. mirrod Level of
	Thence M. 11° 36' W.
i ft.	306.61 Point on lode ling GOAT89.0W AHRIN in post, standing
.ck Wo. .pha We.	Beginning at cor. No. 1 Alpha No. 28 lode, identical with cor. No. 14 Alpha No. 25 lode, and on line 1-2 of the Alpha No. 26 lode, all of this survey; from which
d this	The cor. of secs. 1, 6, 31 and 36, Ts. 16 and 17 S., Rs. 12 and 13 E., G. & S.R.M., Arizona, heretofore described, bears N. 89° 41' W., 1500.0 ft. dist.  Thence N. 0° 44' E.
25	Road, bears E. and W, 'CC "II . Bears T
300.52	Point on lode line, marked by a 4 x 4 in. post, standing 4 ft. above ground. Discovery point bears S. 89° 41° E., 50 ft. dist.
600.0	Cor. No. 2, identical with cor. No. 3 Alpha No. 25 lode and cor. No. 4 Alpha No. 24 lode, both of this survey.
1500.0	Set at iron poet, "Aftille88,.2 Somethem., 26 inn. in the with the set of the concrete base, it ins. to top, with bress mid. U.S.W.S. X A29-1-A30-2-1602.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground and with 14 x 14 in. concrete base, about 4 ins. to top, with brass cap mkd. U.S.M.S. X A28-3-4402.
	No local bearing objects or bearing trees available.
	Thence S. 0° Щ¹ W.
300 . 100 575	Point on lode line, marked by a 4 x 4 in. post, standing 4 ft. above ground. Discovery point bears N. 89° 41' W., 1450 ft. dist. and the same and th
600.0	Cor. No. 4 I' Ld '08 .2 senedT
f this	Set an iron post, 3 ft. long, I in. diam., 24 ins. in the ground and with 14 x 14 in. concrete base, about 4 ins. to top, with brass cap mkd. U.S.M.S. X A28-4-4402.
	No local bearing objects or bearing trees available.  10.05. 1. Point on local trees available.
938.95	Cor. No. 2 Alpha No26 lode of this survey.
1500.0	Cor. No. 1 and place of beginning.
	and with I w LaCol esp. on the charter, 6 ins. to top, with D
	At cor. No. 1 Alpha No. 29 lode, identical with cor. No. 4 Alpha No. 9 lode, cor. No. 3 Alpha No. 10 lode and cor. No. 1 Alpha No. 30 lode, all of this survey, from which

Feet	jean
il ft. deib.di	The \(\frac{1}{4}\) sec. cor. of secs. 1 and 6, Ts. 17 S., Rs. 12 and 13 E., G. & S.R.M., Arizona, heretofore described, bears S. 47. 30' W., 1223.2 ft. dist. of trion was accordanced by the second of the second second of the second
	No local bearing objects or bearing trees available. Se. 110
	Thence N. 11° 36' W.
306.61	Point on lode line, marked by a 4 x 4 in. post, standing 4 ft. above ground. Discovery point bears S. 89° 41' E., 50 ft. dist.
	Cor. No. 2, identical with cor. No. 2 Sur. No. 4371 Herrick No. 2 lode, and cor. No. 3 Alpha No. 9 lode and cor. No. 4 Alpha No. 27 lode, both of this survey.
Re. 12 d, bears	The co. of sees, 1, 6, 31 and 16, 16, 16 and 17 F.
1500.0	Cor. No. 3, identical with cor. No. 3 Alpha No. 27 lode of this survey.
	Thence S. 11° 36' E. ons . Learned bear 25
306.61	Point on lode line, marked by 4 x 4 in. post, standing 4 ft. above ground. Discovery point bears N. 89° 41' W., 1450 ft. dist.
613.22	Cor. No. 4, identical with cor. No. 2 Alpha No. 30 lode of this survey.
	Set an iron post, 3 ftl long, 1 in. diam., 24 ins. in the ground with 14 x 14 in. concrete base, 4 ins. to top, with brass cap mkd. U.S.M.S. X A29-4-A30-2-4402.
hmorg nitin	Thence No. 89° 41! W
1500.0	Cor. No. 1 and place of beginning. and food of
	Theace S. of July M.
.J1 µ .J1	ALPHA NO. 30 LODE of the second of the survey of the second of the secon
	Thence S. 89° 41' E.
1500.	Cor. No. 2, identical with cor. No. h Alpha No. 29 lode of this survey
306.61	Point on lode line, marked by h x h in. post standing h ft. above ground. Discovery point bears N. 89° 41' W., 1450 ft. dist.
540	Diversion dike, 18 ft. high, 20 ft. wide at top, with a 1 to 12 slope to sides, bears S. 88° W. and N. 88° E.
613.22	Cor. No. 3.
sacia d	Set an iron pipe, 3 ft. long, 1 in. diam., 24 ins. in the ground, and with 14 x 14 in. concrete base, 6 ins. to top, with brass cap mkd. U.S.M.S. X A30-3-4402.

dist.	This corner may be removed by future construction work, a witness corner which bears S. 11° 36' E., 161.9 ft. disceptablished as follows: S	the top, with mkd.
	Witness cor. No. 4 .War 1476 28 3 M sone of Tode.	19.901
1500.0	survey	of this
	Thence N. 11° 36' W., abiv . of od , dask	72.0
	Diversion dike, bears N. 788°. E. and S. 88° W. Joseph H. J. 20.78 . W. Joseph H. J. 20.78 . W. Joseph H. J. 20.78 . Witness cor. No. 4, identical with witness cor. No. 4 Alg 10 lode of this survey.	sz.dea
.bilm c	Point on lode line, marked by a lix h in post standing labove ground. Discovery point bears S. 89° hil E., 50 f	ft. t. dist.
613.22 sig.[/	Cor. No. 1 and place of beginning.  Cor. No. 1 and place of beginning.  Cor. No. 1 and place of beginning.  No. 1 begin many beginning.  No. 1 beginning.	tiz otot
	ALPHA FRACTION LODE  At Cor. No. 1 of the Alpha Fraction lode of this survey.  Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the and with 14 x 14 in. concrete base, 6 ins. to top, with 1	1163 e ground e ground
esp mkd	mkd. U.S.M.S. X AF-1-4402, from which  if and the cor. of secs. 1, 2, 35 and 36, Ts. 16 and 17 S.,  G. & S.R.M., Arizona, heretofored secribed, bears N.  1413.3 ft. dist.  No local bearing objects or bearing trees available.	60° 28' W.
	Thence S. 70° 16' E.	
138.91	Point on lode line, marked by a le x le in. post standing labove ground. Discovery point bears S. 11° 36' E., 92.07	ft.
277.82	Cor. No. 2, identical with cor. No. 2 Sur. No. 1649. Surprand on line 4-1 Sur. No. 4371 Union No. 2 lode 5 . M	ise lode,
No.	Set an iron post, 3 ft. dong, lvin. diam., 24 ins. in the with 14 x 14 in. concrete base, 5 ins. to top, with brass U.S.M.S. X S-2-1649-AF-2-4402; from which was 1.304	ground cap mkd.
bin ft.	Cor. No. 4 Sur S No. 3726 Plumed Knight No. 2 lode, b	ears
	No local bearing objects or bearing trees were found	

16

	Feet	Feet and the second sec
	erefored.	This corner may be Awlecelift Stenenthustruction work,
		a witness corner which bears S. 11° 36' E., 161.9 ft. di
	117.95	Intersect line 1-4 Sur. No. 3726 Plumed Knight No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 115.44 ft. dist.
		Set an iron post, 3 ft. long, 7/8 in. diam., 21 ins. in round, with ill x le in. concracitosrathious (inion. the
		aluminum tag fastened with copper wire to iron post and
		Set an iron post, 3 ft. long, I in diam. 24 ins. in the ground
		and with 14 x 14 in. concrete base, about 6 ins. to top, with brass capemed. U.S.M.S. X.AFChho2. mined food off
	409.81	Witness cor. No. 4 Sur. No. 4371 Union No. 2 lode.
	427.02	Cor. No. 4 Sur. No. 4371 Union No. 2 lode, identical with cor. No. 1 Alpha No. 1 lode of this survey.
	710	Wash, 40 ft. wide, drains E.J M soned
	694.52	Intersect line 3-4 Sur. No. 3726 Plumed Knight No. 2 lode at a
		point from which cor. No. 3 bears S. 0° 48 E., 97.05 ft. dist.  [A d . No. 100 scentific with with without sor. No. 1 Al . No. 100 scentific with with with without sor. No. 1 At point of intersection  [A d . No. 100 scentific with with with without sor. No. 1 At point of intersection
ij		
		Set an iron post, 3 xft. Clong to bed rock of wash, with concrete base 2 x 12 ft., 2 ft. high, 6 insy to top, with brass cap mkd. U.S.M.S. X AF-14102.
		613.22 Cor. Wo. 1 and place of beginning.
	1040.24	Cor. No. 4, Alpha No. 1 lode, identical with cor. No. 3 Alpha No. 16 lode of this survey.
	2262	Don't house N 20° F and C 20° U
Š	1163	Road, bears N. 30° E. and S. 30° W.
	1492.92	Cor. No. 3 Alpha Fraction, on line 2-3 Alpha No. 16 lode of this survey; from which no its and IA and IA is a second of the seco
	bound	ald a Cor. No. 2 Alpha No. 16 lode bears S. 11 36 E., 160.54
	rass cap	and with 1th x It in. concrete base, 6 install tit, with I mid. U.S.M.S. X AF-1-th02, from which
	R. 12 E.	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground with the xill in. concrete base, 2 lins. to top, with brass cap mkd.  U.S.M.S. X AF-3-1002.c and the set of the
	03 00	talb . of E. Elil
		No local bearing objects or bearing trees available.
		eldefiave apart animaed to stopped partned isool el
		Thence N. 70° 16' W.
	728 07	
	138.91	Point on lode line, marked by a 4 x 4 in. post standing 4 ft. above ground. Discovery point bears N. 11 36 W., 1400.85 ft.
	taib .t1	above ground, Discovery point bears S. 11° 36' E. Jaih O
	277 82	Cor. No. 4, identical with cor. No. 3 Sur. No. 3726 Lake George
	Samuel Com.	No. 2 lode of S. W. 4371 Union No. 2 load on line 4-1 Sur. No. 2 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 4371 Union No. 8 load on line 4-1 Sur. No. 8 loa
		of fastened with copper wire, to aron post, cor. No. 3 Sur. No.
	cep micd.	23726 Lake George No. 2 lode dan aluminum tag mkd U.S.M.S. AF-4-
	200	, bol Cor. Nos. 4 and 3 Sur Swo. 3726 Lake George No. 2, and
	6 159	Plumed Knight No. 2 lodes, bears N. 9 50 E., 600.0 ft.
		No lecal bearing objects or bearing trees were found
		Thence N. 11° 36' W.

Wash, 40 ft. wide, drains N. 82° E.  2.0 Intersect line 4-1 Sur. No. 3726 Lake George No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 256.5 ft. dist.  8.45 Intersect line 2-3 Sur. No. 1649 Surprise lode at a point from which cor. No. 2 bears N. 78° 24' E., 237.3 ft. dist., and its intersection with line 4-1 Sur. No. 3726 Plumed Knight No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 393.26 ft. distits intersection with line 2-3 Alpha Fraction lode, bears S. 70° 16' E., 277.82 ft. dist.; and its intersection with line 2-3 Surprise lode bears S. 70° 16' E., 51.0 ft. dist.  2.92 Cor. No. 1 and place of beginning.	ode
Intersect line 4-1 Sur. No. 3726 Lake George No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 256.5 ft. dist.  Intersect line 2-3 Sur. No. 1649 Surprise lode at a point from which cor. No. 2 bears N. 78° 24' E., 237.3 ft. dist., and its intersection with line 4-1 Sur. No. 3726 Plumed Knight No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 393.26 ft. distits intersection with line 2-3 Alpha Fraction lode, bears S. 70° 16' E., 277.82 ft. dist.; and its intersection with line 2-3 Surprise lode bears S. 70° 16' E., 51.0 ft. dist.  Cor. No. 1 and place of beginning.	ode
Intersect line 4-1 Sur. No. 3726 Lake George No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 256.5 ft. dist.  Intersect line 2-3 Sur. No. 1649 Surprise lode at a point from which cor. No. 2 bears N. 78° 24' E., 237.3 ft. dist., and its intersection with line 4-1 Sur. No. 3726 Plumed Knight No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 393.26 ft. distits intersection with line 2-3 Alpha Fraction lode, bears S. 70° 16' E., 277.82 ft. dist.; and its intersection with line 2-3 Surprise lode bears S. 70° 16' E., 51.0 ft. dist.  Cor. No. 1 and place of beginning.	ode
Intersect line 2-3 Sur. No. 1649 Surprise lode at a point from which cor. No. 2 bears N. 78° 24' E., 237.3 ft. dist., and its intersection with line 4-1 Sur. No. 3726 Plumed Knight No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 393.26 ft. distits intersection with line 2-3 Alpha Fraction lode, bears S. 70° 16' E., 277.82 ft. dist.; and its intersection with line 2-3 Surprise lode bears S. 70° 16' E., 51.0 ft. dist.  2.92 Cor. No. 1 and place of beginning.	st.;
which cor. No. 2 bears N. 78° 24' E., 237.3 ft. dist., and its intersection with line 4-1 Sur. No. 3726 Plumed Knight No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 393.26 ft. distits intersection with line 2-3 Alpha Fraction lode, bears S. 70° 16' E., 277.82 ft. dist.; and its intersection with line 2-3 Sur. No. 1649 Surprise lode bears S. 70° 16' E., 51.0 ft. dist.  2.92 Cor. No. 1 and place of beginning.	st.;
Intersect line 4-1 Sur. No. 3726 Plumed Knight No. 2 lode at a point from which cor. No. 4 bears S. 70° 16' E., 393.26 ft. distits intersection with line 2-3 Alpha Fraction lode, bears S. 70° 16' E., 277.82 ft. dist.; and its intersection with line 2-3 Surprise lode bears S. 70° 16' E., 51.0 ft. dist.  2.92 Cor. No. 1 and place of beginning.	st.;
point from which cor. No. h bears S. 70° 16° E., 393.26 ft. dis its intersection with line 2-3 Alpha Fraction lode, bears S. 70° 16° E., 277.82 ft. dist.; and its intersection with line 2-3 Su No. 1649 Surprise lode bears S. 70° 16° E., 51.0 ft. dist.  2.92 Cor. No. 1 and place of beginning.	)•
its intersection with line 2-3 Alpha Fraction lode, bears S. 70 16' E., 277.82 ft. dist.; and its intersection with line 2-3 Su No. 1649 Surprise lode bears S. 70° 16' E., 51.0 ft. dist.  2.92 Cor. No. 1 and place of beginning.	)•
2.92 Cor. No. 1 and place of beginning.	
I The discovery point of the Alpha No. 1 lode marked by a h x h in	
	No.
post, h ft. above ground, on the lode line, S. 89° hl' E., 750 ft. from the center of line l-h.  No value.	
Ac	res
The discovery buildozer pit, 10 x 12 ft., 8 ft. deep, the center of which beers East, 12 ft. from the discovery point of the Almi	oli
Total area, Alpha No. 1 lode	61
Sur. No. 3726 Plumed Knight No. 2 lode 0.1	51
Total area, Alpha No. 2rlode entre 20.6	61
Total area, Alpha No. 9 lode 12-42-42-42-42-42-42-42-42-42-42-42-42-42	
Total area, Alpha No. 11 lode 20.6	
Total area, Alpha No. 16 lode 20.6	
d x d s v Total area, Alpha No. 25 lode 20.6	
Total area, Alpha No. 26 lode 20.6	61
Total area, Alpha No. 27 lode 20.6 Total area, Alpha No. 28 lode 20.6	
Total area, Alpha No. 29, lode 20.6	
and 1 Total area, Alpha No. 30 lode 20.6	
Total area, Alpha Fraction lode 8.1  Area in conflict with-	33
Sur. No. 1649 Surprise lode 0.3	94
Sur. No. 3726 Plumed Knight No. 2 lode, exclusive of its	98
conflict with Sur. No. 1649 Surprise lode 3.66	85
Sur. No. 3726 Lake George No. 2 lode 7.	
1 The discovery point of the Alpha No. 9 lode, merked by a h x h i	oil
from the center of line 3-h.	
No value.	
post, if it above ground, on the lode line, N. 80° Li W. 100	

LOCATION Wash, 40 ft. wide, drains M

This survey is located in the Swa and the SEA Sec. 31, T. 16 S., R. 13 E.; the NWA and the NEA Sec. 1, T. 17 S., R. 12 E.; and the NWA Sec. 6, T. 17 S., R. 13 E., Cila and Salt River Meridian, Intersect line 2-3 Sur. No. 1619 Surprise lode at a point

The survey of the fourteen lode claims is identical with the respective amended locations as marked on the ground.

Intersect line 4-1 Sur. Resulfording ed Knight No. 2 lode at a point from which cor. No. 4 bears 3. 70° 16' E., 393.26 ft. dist.; The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in the said mining tlaims by the claimant or its grantors are as follows: Cor. No. 1 and place of beginning.

The discovery point of the Alpha No. 1 lode marked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, S. 89° 41' E., 750 No. 1 ft. from the center of line 1-4. No value.

The discovery bulldozer pit, 10 x 12 ft., 8 ft. deep, the center No. 2 of which bears East, 12 ft. from the discovery point of the Alpha Total area, Alpha No. 1 lode --Edo. GS No. 1 lodes Area in conflict with-

Value, \$100.00.

Sur. No. 3726 Plumed Knight No. 2 Lode 0.151 A core drill hole, the center of which bears West, 15 ft. from No. 335 the discovery point of the Alpha No. 11 lode; hi ins. diam. to 20,661 20,663.

20,661 The discovery point of the Alpha No. 2 lode, marked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, S. 89° 41' E., No. 10S 20.60L 275-ft. from the center of line 2-3, gld , sars [sto] 50 PPT

20,661 199 08

The discovery bulldozer pit, 10.x 12 ft., 8 ft. deep, the center No. 209 of which bears East, 9 ft. from the discovery point of the Alpha 8.133 res, Alpha Fraction lode No. - 2- lode. -Area in conflict with-Value, \$100.00

Sur. No. 16h9 Surprise lode 1105.0 A core drill hole, the center of which bears West 110 ft. from the Nog 33 discovery point of the Alpha No. 20lode, with ins. diam. to 32 ins. diam., 358 ft. Ideep. and the control of the large of 3.685 1.740

The discovery point of the Alpha No. 9 lode, marked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, N. 89° 41° W., 100 ft. No. 1 from the center of line 3-4.

No value.

H

No. 2	A discovery bulldozer pit, 8 x 12 ft., 8 ft. deep, the center of which bears N. 30° W., 25 ft. from the discovery point of the Alpha No. 9 lode.  Value, \$100.00
No. 3	A core drill hole, the center of which bears West 250 ft. and .  South 50 ft. from the discovery point of the Alpha No. 9 lode,  3\frac{1}{2} \text{ ins. diam., 201 ft. deep.}  Value, \$1,065.30
1 • 0 M	A core drill hole, the center of which bears S. 81° W., 568 ft. from cor. No. 3 Alpha No. 9 lode, 32 ins. diam., 200 ft. deep. Value, \$1,060.00
No. 5	A churn drill hole, the center of which bears S. 66° W., 490 ft. from cor. No. 3 Alpha No. 9 lode, 12 ins. diam. to 8 ins. diam., 200 ft. deep.
	Value, \$1,240.00 meters end mon't . White the content of the
No. 6	A churn drill hole, the center of which bears S. 40° W., 255 ft. from cor. No. 3. Alpha No. 9. lode, 12 ins. diam. to 10 ins. diam., 205 ft. deep.  Value, \$1,947.50
No. 1	The discovery point of the Alpha No. 10 lode, marked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, N. 89° 41' W.,. 100 ft. from the center of line 3-4.  No value
No. 2	The discovery bulldozer pit 8 x 12 ft., 8 ft. deep, the center of which bears N. 10° W., 30 ft. from the discovery point of the Alpha No. 10 lode.  Value, \$100.00.
No. 3	Value, \$1,850.00
No. 1	The discovery point of the Alpha No. 11 lode, merked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, S. 89° 41' E., 100 ft. from the center of line 2-3.  No value.
No. 2	The discovery bulldozer pit, 8 x 12 ft., 8 ft. deep, the center of which bears East 20 ft. and South 10 ft. from the discovery point of the Alpha No. 11 lode.  Value, \$100.00
No. 3	3½ ins. diam., 399 ft. deep
l .oN	The discovery point of the Alpha No. 16 lode, marked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, N. 89° 41' W., 100 ft. from the center of line 1-4.  No value.
No. 2	The discovery bulldozer pit, 8 x 12 ft., 8 ft. deep, the center of which bears East 30 ft. from the discovery point of the Alpha No. 16 lode.  Value, \$100.00
No. 3	A core drill hole, the center of which bears East 10 ft. from the discovery point of the Alpha No. 16 lode, 44 ins. diam. to 32 ins. diam., 309 ft. deep.  Value, \$1,851.47

		_]
No. ledd	The discovery point of the Alpha No. 24 lode, marked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, S. 89° 41' E., 100 ft. from the center of line 1-2.  No value	
	The discovery bulldozer pit, 8 x 12 ft., 8 ft. deep, the center of which bears West 35 ft. from the discovery point of the Alpha No. 24 lode.  Value, \$100.00	
deep.	A.core drill hole, the center of which bears East 140 ft. and. South 15.ft. from the discovery point of the Alpha No. 24 lode, 4\frac{1}{4} ins. diam. to 3\frac{1}{2} ins. diam., 495 ft. deep.  Value, \$2,689.80	
No.mlib.	The discovery point of the Alpha No. 25 lode, marked by a lax la in. post, laft. above ground, on the lode line, S. 89° lal' E., 100 ft. from the center of line 1-2.	
No. 2 .	The discovery bulldozer pit, 10 x 12 ft., 8 ft. deep, the center of which bears North 15 ft. from the discovery point of the Alpha No. 25 lode.  Value, \$100.00.	
No. (3.	A core drill hole, the center of which beers East 30 ft. from the discovery point of the Alpha No. 25 lode, 42 ins. diam. to 2 3/4 ins. diam., 506 ft. deep.  Value, \$2,604.10.	
No. 11	The discovery point of the Alpha No. 26 lode, marked by a 4 x 4 in. post, 4 ft. above ground on the lode line, S. 89° 41' E. 110 ft. from the center of line 1-4.	,
.No. 2	The discovery bulldozer pit, 8 x 12 ft., 8 ft. deep, the center of which bears North 12 ft. from the discovery point of the Alpha No. 26 lode.  Value, \$100.00	
No. 3	A core drill hole, the center of which bears East 75 ft. and South 40 ft. from the discovery point of the Alpha No. 26 lode,	
	Value, \$2,340.40	
No. 1 ove	The discovery point of the Alpha No. 27 lode, marked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, N. 89° 41' W., 100 ft. from the center of line 2-3.	
No. 2	The discovery bulldozer pit, 8 x 12 ft., 8 ft. deep, the center of which bears East 15 ft. and North 15 ft. from the discovery point of the Alpha No. 27 lode.  Value, \$100.00	
	Mo. I The discovery point of the Alpha Mo. To lote, marked by a	
No. 3.	A core drill hole, the center of which bears West 115 ft. and North 10 ft. from the discovery point of the Alpha No. 27 lode, 41 ins. diam. to 31 ins. diam., 395 ft. deep.	
No. 1	The discovery point of the Alpha No. 28 lode, marked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, S. 89° 41' E., 50 ft. from the center of line 1-2.  No value.	
and moral	Mo. 3 . A come drill hole, the center of thich bears hest to ft.	

	No. 2	The discovery bulldozer pit, 8 x 12 ft., 8 ft. deep, the center of which bears East 10 ft. from the discovery point of the Alpha No. 28 lode.
	sigl	
	No. 3	A core drill hole, the center of which bears East 60 ft. and North 15 ft. from the discovery point of the Alpha No. 28 lode,
	Naidy 1	$4\frac{1}{2}$ ins. diam., $421$ ft. deep. de $82,577.80.$ on more $421$ ft. deep. de $82,577.80.$ on more
	I I all	The discovery point of the Alpha No. 29 lode, marked by a 4 x 4 in. post, 4 ft. above ground, on the lode line, S. 89° 41' E., 50 ft. from the center of line 1-2.
	°08 2 8	The discovery bulldozer pit, 8 x 12 ft., 8 ft. deep, the center of which bears S. 60° E., 11 ft. from the discovery point of the Alpha No. 29 lode.
	No. 3	A core drill hole, the center of which bears East 150.ft. and North 10 ft. from the discovery point of the Alpha No. 29 lode,  4 ins. diam. to 3 ins. diam., 401 ft. deep.
	No.81	The discovery point of the Alpha No. 30 lode, marked by a  14 x.4 in. post, 4 ft. above ground, on the lode line; S. 89°  11 E., 50 ft. from the center of line 1-4.
	No. 2	The discovery bulldozer pit, 8 x 12 ft., 8 ft. deep, the center of which bears North 12 ft. from the discovery point of the Alpha
	moni m No. 1	A core drill hole; the centers of which bears S. 27° W., 310 ft.  from cor. No. 2 Alpha No. 30 Tode, 4½ ins. diam. to 3½ ins. diam.,  457.5 ft. deep: 10 10 10 10 10 10 10 10 10 10 10 10 10
A Company	ck with	1 92.07 ft: from the center of line 1.2.278 . W
	No. 2	The discovery bulldozer:pit, 8 xol2 ft., 8 ft. deep, the center of which bears S. 15° W., 10 ft. from the discovery point of the Alpha Fraction lode.
	n, 6 ins. cap skd: cinEl.oN	A core drill hole, the center of which bears \$2.20°-W., 58 ft. from cor. No. 2 Alpha Fraction lode, 4\frac{1}{2} ins. diam. to 3\frac{1}{2} ins. diam. \$3.38 ft. deep.
*	pes à sait	A shaft, partly caved, the center of which bears S. 3° W., 80 ft. from cor. No. 2 Alpha Fraction lode, 6 x 6 ft., 6 ft. deep.
	of secs.	Mo evidence could be found of either the & sec. cor. 1 and 36, Ts. 16 and 17 S., N. 12 E., or the g sec. cor. 6 and 31, Ts. 15 and 17 S., a. 13 E.

Lode,

The discovery bullde remaining manto. I fr. deep, the center of thick bears East 10 ft. from the discovery point of the Alpha A shaft, 6 x 6 ft., 8 ft. deep, the center of which bears N. 89° 41' W., 470 ft. and North 30 ft. from cor. No. 1 Alpha No. 11 lode.

A shaft, 6 x 6 ft., over 100 ft. deep, the center of which bears N. 59° E., 545 ft. from cor. No. 1, Alpha No. 10 lode. Claimant unknown.

of which bears N. 89. 41' W., 100 ft. from cor. No. 2 Alpha No. 1 lode, thence runs in a southeasterly direction across the Alpha No. 1, Alpha No. 2 and Alpha No. 11 lodes.

A diversion dike 20 ft. wide at top, 30 to 60 ft. wide at 

A diversion dike 20 ft. wide at the top, 40 to 75 ft. wide at base, 10 to 20 ft. in height, the center of which bears N. 11° 36° W., 70 ft. from.cor. No. 3 Alpha No. 30 lode, thence S. 88° 30' W., 1930 ft. to an angle point, thence N. 83° W., 600 ft. Claimant herein. 10 madeso add mort . 41

### OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

o rednes and cor. No. 12 1t. 8 x 12 1t. 8 cor. or core and a surjoint state of the marked and in place when Sur. No. 4371 was made. At the time of the present survey the rock corner was found displaced.

The corner was reestablished with an iron post properly set and marked as stated in these field notes. The bearings and ties were found to be approximately correct as shown in the record.

Lucy 12, 1111, 70 Sur. No. 3726 cor. No. 4 Plumer Knight No. 2 lode is an iron dpost; swith square headed brass cap properly marked.

in. rost, L ft. above ground, on the lode line, S. 11° 36' Sur. No. 3726 cors. Nos. 3 and 4 Lake George No. 2 lode were found to be 12 in. iron pipes, firmly set in mounds of rock with square-headed brass caps properly marked. Line 3-4 was found to be approximately correct as approved.

The \(\frac{1}{4}\) sec. cor. of secs. 1 and 6, Ts. 17 S., Rs. 12 and 13 E., monumented with a 1\(\frac{1}{2}\) in. iron pipe at a fence intersection, 6 ins. above ground, in concrete base, 2 ins. to top, with lead cap mkd. \(\frac{1}{4}\).1-6, accepted as the best available evidence of the original. corner, and bears S. 0° 138 E., 2631.7 ft. dist. from cor. of secs. 1,6,31 and 36, Ts. 16 and 17 S., Rs. 12 and 13 E., G. & S.R.M., Arizona.

. Cor. No. 4 Alpha No. 30 lode, identical with cor. No. 4 Alpha No. 10 lode of this survey, was not used for the tie to the 1/4 sec. cor. of secs. 1 and 6 because a permanent con. could not be established.

No evidence could be found of either the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36, Ts. 16 and 17 S., R. 12 E., or the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31, Ts. 16 and 17 S., R. 13 E.

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All the bulldozer pits were cut with a 12 ft. blade. The other dimension, such as 10 for a 10 x 12 ft., is the approximate measurement of the cut at a depth of 8 ft.

### FIELD ASSISTANTS

Name

Leo Bachmier William Duncan Clair Lukehart Robert Mellin Richard McGee Capacity

Chainman

11

11

Axeman

4-678 b

SURVEY NO. 1402

All the bulldozer pits were call 14 th 2 18 ft. blade. The object dimension, such as 10 for a 10 th 13 ft., is the approximate messurement of the cet at a depth of 5 ft. Canacity Teo Becimier Villiam Duncen Clair Lucchert Robert Wellin Licherd McGee 2

U. S. GOVERNMENT PRINTING OFFICE 16-61973-1

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## CERTIFICATE OF SURVEYOR

	<u>April 30</u> , 19_56
I, Harlow D. Phelps	
Mineral Surveyor, hereby certify upon honor that is	n pursuance of an order received from the
	, at Phoenix, Arizona
	, I have faithfully and correctly executed the survey of
the mining claim of the Pima Mining Company	25,26,27,28,29, and 30, and Alpha Fraction
	(Lode, placer, or mill site)  1, T. 17 S., R. 12 E., and Sec. 6,
T. 17 S., , R. 13 E., , G. &	S.R. Meridian, Arizona , and
the Manual of Instructions for the Survey of the Pub	is represented in the foregoing field notes as having been d survey has been made in strict conformity with said order, lic Lands of the United States, and in the specific manner r certify that the labor expended and improvements made
upon or for the benefit of the(Lode or placer)	location(s) embraced in the said mining claim by
claimant(s) orits grantors are extent, location, and itemized value thereof are spec	fully stated in my report therein, and that the character, ified therein with particularity and full detail, and that no s so credited to this claim has been included in the estimate
Tucson, Arizona (Place)	Harfow Helfs (Mineral Surveyor)
CERTIFICATE	OF APPROVAL
	Bureau of Land Management, Survey Office
	Phoenix, Arizona August 14, 19 56 (Place) (Date)
The foregoing field notes of mineral survey No. Sec. 1, T. 17 S., R. 12 E., and	hho2 , in Sec. 31, T. 16 S., R. 13 E.,  R. 13 E., , G. & S.R. Meridian,
	D. Phelps , Mineral Surveyor,
under order datedFebruary 13. 1956	having been critically examined and the necessary urveyor, the field notes and the survey therein described
	Everett H. Kimmell
	Office Cadastral Engineer (Title)
CERTIFICATE	OF TRANSCRIPT
I CERTIFY that the foregoing transcript of field notes a true copy of the original field notes.	otes of the above described mineral survey No. 4402
	Everett H. Kimmell

Office Cadastral Engineer
(Title)

Bureau of Land Management, Servey Office

Moonity, Arteons Avenue 16 1975

The interding field nates of milaural survey Ma Lin02 11 or Sec. 32, W. 16 S., H. 13 B., Sex. J. 17 B., Evil B.

7.2.4 H. E.S. ac fact. I m forth

Previote II. Kinnell

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